TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 3 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a space of from 4 to 12 feet, at a price not exceeding weight for weight that of common Crown Glass. Not being transparent bands are unnecessary, and when used in greenhouses no scorching occurs; its NON-TRANSPARENCY and strength render it eminently suitable for the glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 4 by 3 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

Of three thicknesses, in long lengths: an economical substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

GLASS TILES, 1 of an inch thick, packed in boxes containing 25ft. 2ft. per case net.

JAMES PHILLIPS and CO. beg to inform builders and the trade that supply SUPERIOR FOREIGN SHEET GLASS in cases of 50 feet, at 20s., 22s., and 24s. per case. STAINED and ORNAMENTAL GLASS, 1s. per foot. Hartley's Patent Rough Plate and Patent Quarry Glass.—154, Bishopsgate-street Without.

PATENT and BRITISH PLATE GLASS.—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish Estimates for any description of Glass now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 36, Soho-square, London.

CHEAP GLASS.—W. HICKSON, 48, Long-acre, having just received a large consignment of SHEET-GLASS, from 16 to 26 oz. of first-rate quality and large size, begs to inform Builders, &c. that he is enabled to supply them with the above as cheap or cheaper than any other house. And that he is also open to take New Glazing, per Contract, in Town or Country.

Hartley's Rough, &c. &c.

BELGIAN SHEET-GLASS.—ALFRED GOSLETT begs to inform the Trade that he is prepared to supply the above Glass, of good quality, and 16 ounces to the foot, before the following small terms:—In cases of about 200 feet (some included), 6ft.; parcels of 50s cases, as 6ft.; parcels of ten cases, as 8ft. per case; or cut to any given size, as 2d. per foot.

SOHO CROWN, SHEET, ORNAMENTAL, and PLATE-GLASS WAREHOUSE, 20, SOHO-SQUARE.

TO BUILDERS, PLUMBERS, &c.

JAMES MILES'S cheap ENGLISH and FOREIGN WINDOW-GLASS WAREHOUSE, 14, Church-street, Shoreditch, near the Eastern Counties Railway Terminus. Cases of foreign sheet, various sizes, 41s. 200 feet; crates of sheet, 14 to 16 oz., 24s. per foot; good crown C C, 1A, 20s. per crate; patent plate: Hartley's ROUGH PLATE; stained, ground, and ornamental glass; crown squares of every size in stock; sheet lead pipe; patent gas-pipe vices; cutter and plumbers' tools of all kinds; white lead, oils, and colours, as low prices; LARGE STOCK of PAPER-HANGINGS; old lead bought in any quantity, or taken in exchange. Sashes glazed and primed in oil at very low prices, in any quantity.

SASH GLAZING.—A. ADAMSON, 28, Dorset-street, Berkeley-square, begs to acquaint Builders and the Trade, he is Glazing Sashes with CROWN or SHEET GLASS, at 2½d. per foot sup. Every description of Glass cut to size and in crates, may be had at the very lowest remunerative prices. Ornamental and Stained Glass in every variety.—Terms Cash.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP. and Borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for glazing, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows, either for houses or church decoration. All applications for estimates and lists of prices to be made at their warehouse, 315, OXFORD-STREET.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick. Glass Tiles, Risers, &c. &c. White Lead, Paints, Colours, Oils, Varnishes, Brush es, &c.; Milled and Sheet Leads, Lead Pipe from ¼ inch to 4½ inches bore; Solder, Water-closets, Basins, Plumbers' and Brass Work of every description, and upon the very best terms. Glass Ornament Shades, Milk-pans, Propagating and Bee Glasses.—Address, 87, Bishopsgate-street Without.

See Advertisement, Saturday, June 28, 1851.

GLASS MOSAIC.—GEORGE HENRY STEVENS, Decorative Artist in Mosaic, begs leave to offer to the notice of the Nobility, Gentry, and Architects, specimens of the beautiful art of Glass Mosaic. Having studied working in mosaic for some years past, he is now prepared to execute panel or other decoration in geometrical patterns, also combined with the introduction of heraldic decorations. G. H. S. respectfully solicits an inspection of his elegant Mosaic Tables. The mosaic is well suited for sideboards, pier and console tables, chess tables and boards; or in the place of marble, &c., &c., in internal decoration, being composed entirely of stained glass, and embedded in a very strong cement, that renders it as durable as stone or marble. N.B.—Some of the specimens, removed from the Prize Art Court of the Great Exhibition, are now on view at the depôt, 14, Stafford-row, Buckingham-gate, Pimlico.

MOULDINGS BY MACHINERY.—ARCHBUTT and ATKINSON have just published a new and enlarged list, containing nearly 200 diagrams of Mouldings, with prices attached, lower than any ever yet offered. A copy will be forwarded on receipt of four penny postage stamps.

A. and A. have also on sale FLOORING PREPARED and PLANED to a parallel width and thickness by improved patent machinery, at greatly REDUCED PRICES, as under:—

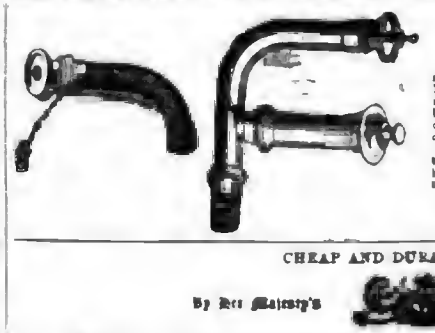
	Per square. s. d.		Per square. s. d.
½-inch Yellow	16 0	1-inch White	15 0
¾-inch ditto	14 0	¾-inch ditto	14 0
1-inch ditto	13 0	¼-inch ditto	13 0

120 feet run of 9-inch boards to the square, and 120 feet run of 7-inch battens to ditto.

FOUR-PANELLED DOORS, per foot superficial:—

	Square.	Moulded one side.	Moulded both sides.
½-inch	4½d.	5d.	5½d.
¾-inch	4½d.	5d.	5½d.
1-inch	5d.	5½d.	6d.

TERMS CASH. Saint Panerus Sawing, Planing, and Moulding Mills, Cambridge-street, Old Saint Pancras-road, close to the Goods Terminus of the Great Northern Railway.



WHISHAW'S REGISTERED

IMPROVED TELEKOUPHONON

FOR SPEAKING-PIPES.

By means of this invention speaking-pipes may be rendered more generally available for Public Buildings, Club Houses, Robinson's Mansions, City Warehouses, Offices, &c. &c. It consists of a whistle-mouthpiece of ivory, wood, or metal, with an indicator attached, by means of which, in case of two or more speaking-tubes being carried into one room, the mouthpiece from which a whistle proceeds is readily ascertained.

The newly-registered invention also includes a plan (as shown in the right-hand figure annexed) for obviating the necessity of blowing into a speaking-pipe when the whistle at the further end is required to be sounded.

Manufactured solely by

KEPP and COMPANY, 40, C. and 40, Chandos-street, Charing-cross:

And to be had retail of all respectable ironmongers.

CHEAP AND DURABLE ROOFING.

By Her Majesty's Royal Letters Patent.

F. McNEILL and CO., of LAMB'S-BUILDINGS, BUNHILL-ROW, LONDON, Manufacturers and only Patentees of

THE PATENT ASPHALTED FELT, FOR ROOFING HOUSES, VERANDAHS, SHEDS, &c.,

Patronised by

HER MAJESTY'S WOODS AND FORESTS.
HER MAJESTY'S COMMISSION OF CUSTOMS.
HONOURABLE EAST-INDIA COMPANY.
HONOURABLE BOARD OF ORDNANCE.
HER MAJESTY'S ESTATE, ISLE OF WIGHT.
ROYAL BOTANICAL GARDENS, REGENT'S PARK.

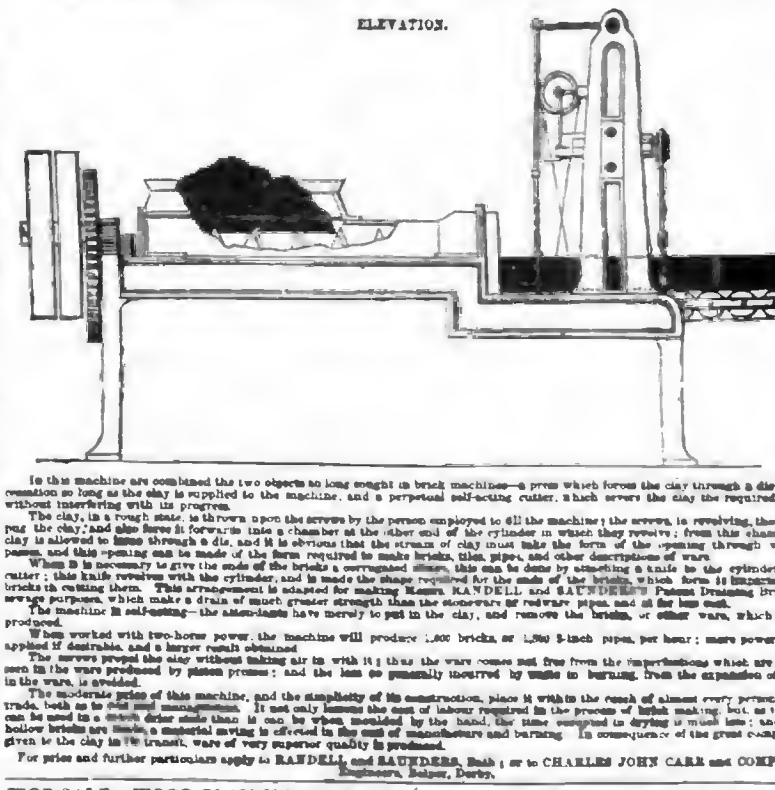
And by the most eminent members of the Royal Agricultural Societies of England, Scotland, and Ireland: as where great notice it has been exhibited, and OBTAINED THE PRIZE, for being the best and cheapest article for roofing: also used for under slates at the Royal Agricultural Society's House, in Hanover-square. Its advantages are lightness, warmth, durability, and economy. It is impervious to rain, snow, and frost, and a non-conductor of heat and sound. The Felt can be cut to any length, by 28 inches wide. The price is only ONE PENNY PER SQUARE FOOT. Samples, with full directions as to its use and the manner of applying it, with TESTIMONIALS, some of them of seven years' experience, from Architects, Builders, Noblemen, and Gentlemen, who have extensively used it, sent free to any part of the town or country. A Dry-hair Felt, for covering Boilers, &c., is also manufactured, by which a saving of about 25 per cent. in fuel is effected. The TRADE are respectfully requested to send their orders DIRECT to the FACTORY, as the usual means of being supplied with the genuine article, and to inquire how imposed upon in their trade. They are likewise CAUTIONED AGAINST MISREPRESENTATION, as we are only makers in Great Britain where the above roofing is made are F. McNEILL and Co.'s Manufactories, LAMB'S-BUILDINGS, BUNHILL-ROW. Roofs covered with the Felt to be seen at the Factory, also the new Vice-Chancellor's Courts, the passages and offices leading to Westminster Hall, and other buildings at the New Houses of Parliament.—A Liberal Discount allowed to the Trade.

RANDELL AND SAUNDERS'S PATENT MACHINE,

FOR THE

IMPROVED MANUFACTURE OF BRICKS, TILES, & PIPES.

ELEVATION.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated effect, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks, for sewage purposes, which make a drain of much greater strength than the stoneware or red-ware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two-horse power, the machine will produce 1,500 bricks, or 1,500 9-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the ware can be used in a much drier state than is can be when moulded by the hand, the time occupied in drying is much less; and, where hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; or to CHARLES JOHN CARR and COMPANY, Engineers, Belper, Derby.

FOR SALE, a WOOD-PLANING and MOULDING MACHINE, ready for immediate work, fitted with a very complete set of Planing and Moulding Tools. This machine is capable of planing the four sides of boards, and moulding on the same time if required; and is qualified to prepare floorings, boards, matched linings, skirtings, panel stuff, mouldings, &c. &c.—For further particulars, apply to Mr. HENRY CLIFFORD, No. 5, Salisbury-street, Strand, London.

TO ARCHITECTS, BUILDERS, &c.

ALL descriptions of TERRA COTTA, CEMENT, and PLASTER CASTINGS, executed in a first-rate manner, on reasonable terms, by J. HERBERT and SON, Modellers, &c. &c., Pelham-street, Derby-lane. A splendid assortment of Corinthian, Ionic, and other Capitals, Centre Flowers, Balusters, Trusses, &c.; Chimney-tops and other Chimney Shafts.